

131. A method according to Claim 129 wherein said alkylating agent anti-cancer agent is selected from the group consisting of mechlorethamine, mitomycin-C, dactinomycin, and mithramycin.

132. A method according to Claim 129 wherein said anti-cancer agent is a vinca alkaloid.

133. A method according to Claim 132 wherein said vinca alkaloid anti-cancer agent is selected from the group consisting of vincristine, vinblastine, vinorelbine, and vindesine.

134. A method according to Claim 129 wherein said taxane anti-cancer agent is selected from the group consisting of paclitaxel and docetaxel.

135. A method according to Claim 128 wherein said vesicant anti-cancer agent is administered by inhalation as an aerosolized liquid, powder or gas.

136. A method according to Claim 135 wherein said aerosolized vesicant anticancer agent is administered as an aerosolized liquid.

137. A method according to Claim 135 wherein said aerosolized anthracycline is administered as an aerosolized powder.

138. A method according to Claim 132 wherein said vinca alkaloid anti-cancer agent is administered at a dosage of from about 0.1 mg/m² body surface area to about 90.0 mg/m² body surface area.

139. A method according to Claim 138 wherein said vinca alkaloid anti-cancer agent is vincristine and wherein said agent is administered at a dosage of about 1.4 mg/m² body surface area.

140. A method according to Claim 138 wherein said vinca alkaloid anti-cancer agent is vinblastine and wherein said agent is administered at a dosage of about 6.0 mg/m² body surface area.

141. A method according to Claim 138 wherein said vinca alkaloid anti-cancer agent is vinorelbine and wherein said agent is administered at a dosage of about 30.0 mg/m² body surface area.

142. A method according to Claim 138 wherein said vinca alkaloid anti-cancer agent is vindesine wherein said agent is administered at a dosage of about 3.0 mg/m² body surface areas.

143. A method according to Claim 129 wherein said taxane anti-cancer agent is administered at a dosage of from about 10.0 mg/m² body surface area to about 400.0 mg/m² body surface area.